

18” when within this horizontal distance and the water main should be above the sewer main.

3. I would suggest that the pages of the plans for the sewer be printed at the same scale as it has been indicated that more pages are being added along with revisions. I can understand why the site layout may be different from the plan and profile but would like consistency when possible in all the plan and profile sheets.

And the following conditions from the Engineering Report by Jim Stewart:

1. In several locations the sewer line is located to near Existing Water lines, modifications are required to provide 10ft. horizontal separation or 18” of vertical clearance (Water above Sewer).
2. The proposed 8” pipe sleeve interstitial space shall be filled as approved by the Borough Engineer.
3. Grinder Pumps shall be Duplex DX152 or DR152.
4. The pipe shall be SDR 11 HDPE.
5. Maintenance of the system shall be the responsibility of the property owner.
6. A CTDOT encroachment permit must be obtained prior to the installation of the sewer.
7. The project has been submitted to the DEP for review and final approval will be subject to the DEP approval letter. All DEP comment shall be part of this approval.
8. The WPCA approval will expire after 5 years if construction is not begun.
9. Label all pipe sizes on the plan as per Water Resource Tech review.
10. The construction shall comply with the Borough of Naugatuck Ordinances and the Water Pollution Control Authority “Standard Conditions for Sanitary Sewer Extensions and Sanitary sewer Construction.

Discussion: None

Vote: 4 in favor

Abstained: 0

Opposed: 0

Correspondence

Title V Program Withdrawal Request – 109-0059-TV

Jim Stewart noted this request to CT DEP was included in the Commissions packets. It consists of the Borough of Naugatuck’s request for a minor permit modification to its New Source Review Permit contingent upon its withdrawal from the Title V program.

Discussion

Water Pollution Control Plan – Schedule Public Hearing

Jim Stewart reported to the Commission that he has heard from the State and they have covered various areas where they had comments. He has come up with a draft response to their issues. He handed the Commission a revised map signifying the changes made. They went through the submission from the State and the areas in which they had concerns. Mr. Stewart stated that Area A consists of property in the northwest corner of the town. Several properties in this area already have sewers and a sewer interceptor from Middlebury, CT. Area B is the property in the northeast side of town which will be shown as sewer avoidance. He stated they will keep the Industrial Park in the sewer area. Area C, the State wants to preserve, but some areas already have sewer and the rest has sewer around it. Area D is sewer. Area E is New Haven Road

which includes a sand and gravel mine and is located in the New Haven Road Design District. Mr. Stewart stated he feels it's important to have sewers in this area because it is a designated zone for commercial and economic development. Areas F, G, and H are part of the Huntington Hills Subdivision which was approved by WPCB and he will explain this to the State. Area I is part of the Country Farms Subdivision that was approved by WPCB. Area J includes a sewer interceptor from Oxford and will be shown as currently sewered. And finally Area K is Naugatuck Land Trust property and will be shown as a sewer avoidance area.

Mr. Stewart stated that there was a Naugatuck resident present at the meeting who would like to discuss with the Commission a specific piece of property near to Area I. Riverwood Estates was approved by WPCB in 1990 and Mr. Wargo, the owner would like the property to be a committed area. Alec Wargo, 1058 Rubber Ave, stated that his application for his subdivision was an old approval, but it was approved all the same. He stated his time for filing his subdivision has past, so it is now void, but that Country Farms Subdivision located next to his property is also past time. He feels they should not be included in the sewered area if his property isn't. Jim Stewart said the time to file the maps for Country Farms has expired, but the Borough attorney has advised him that it is still in court, so the clock stops running. He noted they are currently in court with Mr. Wargo. Commissioner Merancy did not feel it was this boards place to decide whether or not the subdivision has expired. Jim Stewart stated the Commission needs to decide how long a WPCB approval is good for and it would depend on whether or not the plans have been changed. He noted that in recent history of other land use boards they have adopted a five (5) year format. Mr. Wargo requested that they either include his land with the section that has approval for sewer or include the adjacent area with his for non-approval. Ron Merancy stated this is the plan that the State of CT wants the Commission to follow. They are modifying the State's plans based on what's already available in town. He told Mr. Wargo to submit another application for his subdivision and they will ask the Borough Attorney what the life span of a sewer approval should be. Commissioner Cote agreed he should submit new plans and then they will speak with the Borough Attorney. He also suggested that Mr. Wargo submit a letter to the State with a copy of the 1990 approval and ask what their opinion is. Mr. Stewart suggested postponing the Public Hearing until they receive a second response from the State. Alec Wargo asked that he be notified of the results from the Borough Attorney. Jim Stewart said this will be brought back in front of the board at next month's meeting.

Veolia Water

John Batorski represented Veolia Water at this meeting.

This report summarizes the activities at the Borough POTW for November 2009:

1. Highlights and Significant Issues:

The plant met all NPDES effluent limits.

2. Collection System Update:

The forms continue to be revised to reflect contractual obligations.

3. Plant Performance Summary:

Please see the attached reports for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	229
Effluent Avg.	30	<5
Removal Efficiency	85%	99%

Plant Process Data	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	101
Effluent Avg.	30	<2
Removal Efficiency	85%	99%

Plant Flow Data	Naugatuck	Middlebury	Oxford	OTR
Flow Avg. (MGD)	5.0	0.645	*	0.00
Sludge Liquid Total (MGal)				4.7
Sludge Cake Total (Dry Tons)				4.1
Septage Total (MGal)	60,000	31,500	161,950	1.15
• Not available at time of the report				

Discharge Permit Exceedance:

None to report.

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents *	0	0
Odor Complaints	3	123
Unconfirmed Odor Complaints	0	16

* The facility has not had a lost time accident in two years.

Compliance & Regulatory Issues

1. The response for the Notice of Violation from CTDEP regarding the incinerator was mailed to CT DEP the week of December 7, 2009. A copy was previously emailed to ARI for their review and comment.
2. The Borough mailed the Odor Consent Order report to CT DEP the week of November 30, 2009.
3. Consent Order 8282 mandating mercury removal has been reviewed by the Borough and ARI. Language changes to a draft memo of understanding with the incinerator operators in CT have been sent to the Greater New Haven Water Pollution Control Authority for their review.

4. Tighe and Bond have completed the review/renewal process for the Title V permit renewal. The renewal packet should allow the Borough to withdraw from the Title V program. The packet was sent to CT DEP the week of December 7, 2009.

Operational Information:

1. A dome was ordered for the #2 sludge thickener for approximately \$68,000 plus installation. There is five-month lead-time for the dome.
2. Chris Makuch was hired as Assistant Plant Manager and will start December 21, 2009.
3. The removal of ash from the south lagoon ash is still is about 85% complete.
4. The 5-year stack emission test report for the incinerator is complete and has been sent to CTDEP. Unfortunately, the old emission limits were indicated in the report as opposed to the new limits. I notified DEP of the error and will issue an addendum to the report. The limits have no effect on the results; they are only used to compare results to the limits. We were well below the new limits.
5. A second anoxic zone was placed in service for each set of the aeration tanks.
6. The Inwood Avenue pump station phase loss transfer switch failed to operate during a recent power failure. A replacement switch has been ordered. The unit has a delivery of 6 to 8 weeks.
7. The AC for MCC#7 (next to the hot oil room) failed. A replacement unit was ordered for \$23,500.
8. The air dryer failed. A replacement was ordered for \$8,250.
9. The refractory in the venturi elbow has worn away. Temporary exterior patches have been installed however, they are also failing. The cost to add additional stainless steel cover the areas will cost \$7750. The extra steel is required, as the base metal has been eroded away. We are investigating the cost of a replacement refractory brick lined elbow. That option will simplify installation and provide a more robust refractory surface for the exhaust airflows.

Maintenance:

1. One of the recirculation pumps for aeration tank 3 failed and was sent to AEM for repairs (\$25,000). Hopefully, the pump can be quickly repaired and returned to service.
2. Eaton Equipment has been in to inspect the switchgear and capacitors. Their report is expected in a few weeks.
3. A J-Spin was sent to Process Solutions in Texas for repairs (\$25,000 was the initial estimate). The centrifuge is expected back in January 2010.
4. The chlorination/dechlorination system upgrades continue time permitting through the fall/winter season. The goal is to be ready for the 2010 disinfection season.
5. The Abel feed pumps feed position indicators have been calibrated.
6. The ID fan VFD drive does require replacement. Replacement drive is estimated at \$30,000. Eaton, Traver, Shultz, AEM, and Sartron have all inspected the existing VFD and have come to the same conclusion – the drive is no longer manufactured, parts are no longer available, repairs would cost more than 50% of the cost of a new drive, and there is no way to guarantee the repairs will work.
7. New ¼-inch plate was installed over the incinerator ductwork and heat exchanger plenums that have deteriorated due to acid dew point condensation.
8. Polymer mixers were ordered for the belt presses.
9. A purge air blower for the incinerator failed. The replacement cost \$4200.

10. The Maintenance Manager will relocate his office to the Maintenance Shop. A room has been prepared in the shop for him. Room will be available for additional computers that will be used for the CMMS system.

Public Participation

1. A letter for review and approval that would be sent to the local schools (list is attached) is attached. This similar letter was mailed last year to the local Board of Ed. We had no response for tours. This letter can be sent to every school on the attached list if that is the desire of the Board.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Steve Cote to adjourn the meeting at 7:21 PM.

Respectfully Submitted:

Ron Merancy, Chairman/rb